

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061416\
 Data File : BG022340.D
 Acq On : 14 Jun 2016 18:25
 Operator : UM/SJ
 Sample : H3427-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-42

Quant Time: Jun 15 02:25:07 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	22323	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	112130	20.00	ng	-0.01
38) Acenaphthene-d10	14.71	164	74434	20.00	ng	-0.01
63) Phenanthrene-d10	17.46	188	188757	20.00	ng	-0.01
75) Chrysene-d12	21.73	240	169675	20.00	ng	-0.01
86) Perylene-d12	25.00	264	151464	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	89950	77.91	ng	-0.02
7) Phenol-d6	7.23	99	84068	46.31	ng	-0.02
23) Nitrobenzene-d5	9.24	82	147142	91.49	ng	-0.02
41) 2,4,6-Tribromophenol	16.20	330	121745	144.75	ng	-0.02
44) 2-Fluorobiphenyl	13.33	172	413270	84.61	ng	-0.01
78) Terphenyl-d14	20.05	244	700298	97.99	ng	0.00

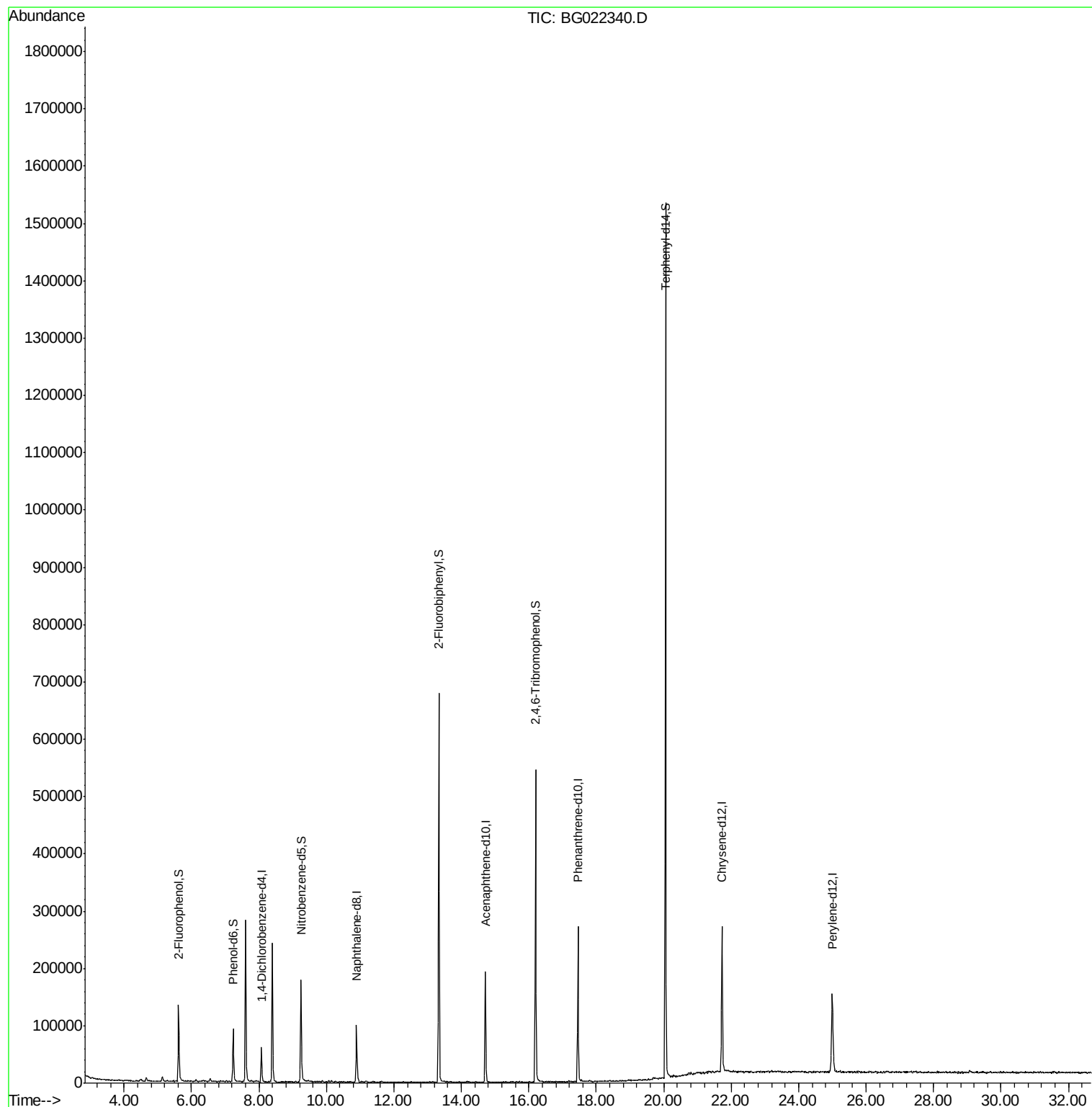
Target Compounds	Qvalue
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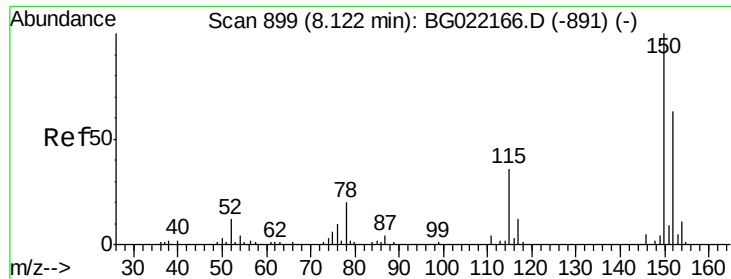
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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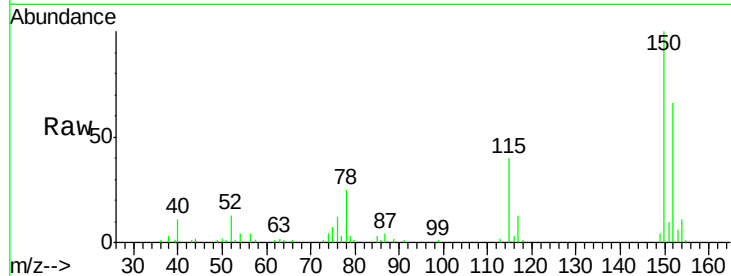


#1

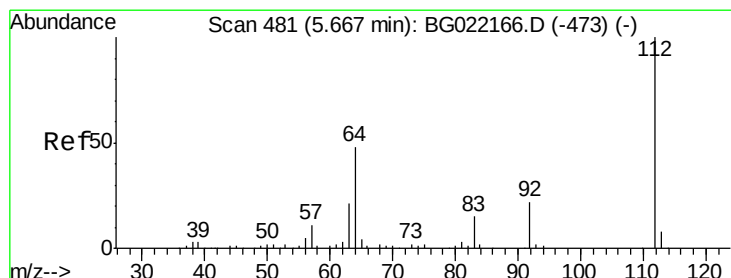
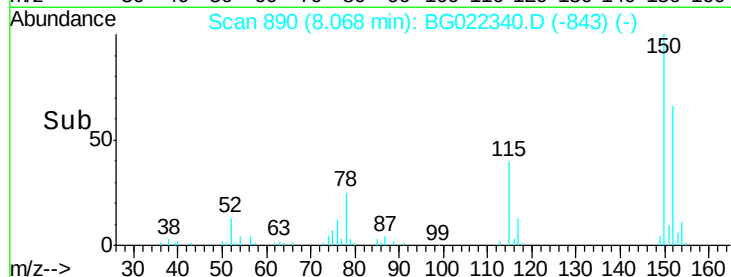
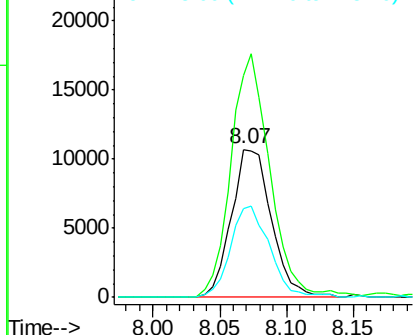
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.07 min Scan# 890
 Delta R.T. -0.02 min
 Lab File: BG022340.D
 Acq: 14 Jun 2016 18:25

Instrument :
 BNA_G
 ClientSampleId :
 W-42

Tgt Ion:152 Resp: 22323
 Ion Ratio Lower Upper
 152 100
 150 150.6 130.1 195.1
 115 60.2 62.2 93.2#



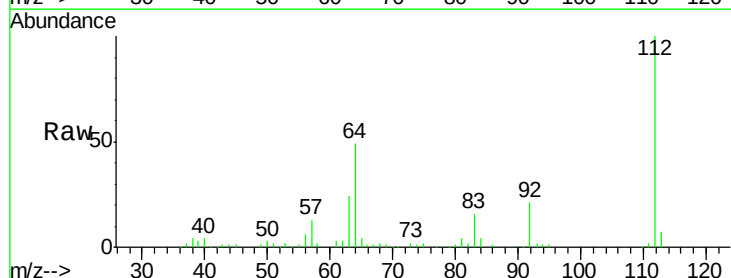
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



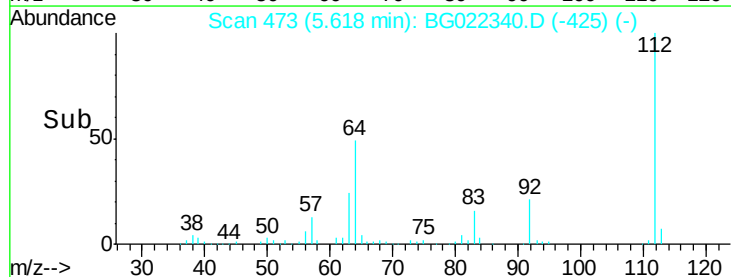
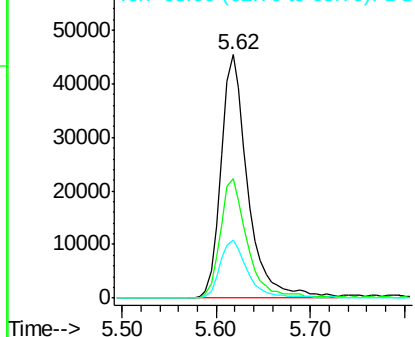
#5

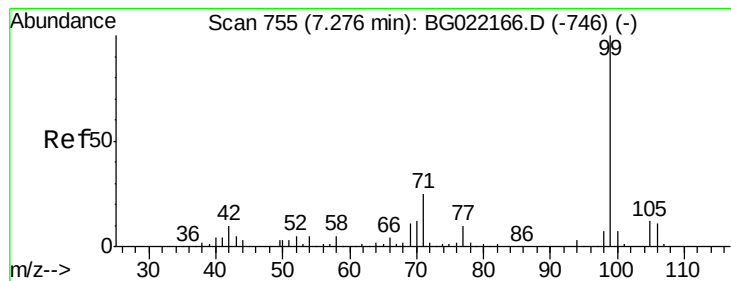
2-Fluorophenol
 Concen: 77.91 ng
 RT: 5.62 min Scan# 473
 Delta R.T. -0.02 min
 Lab File: BG022340.D
 Acq: 14 Jun 2016 18:25

Tgt Ion:112 Resp: 89950
 Ion Ratio Lower Upper
 112 100
 64 49.0 51.1 76.7#
 63 23.9 24.6 37.0#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 46.31 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022340.D

Acq: 14 Jun 2016 18:25

Instrument :

BNA_G

ClientSampled :

W-42

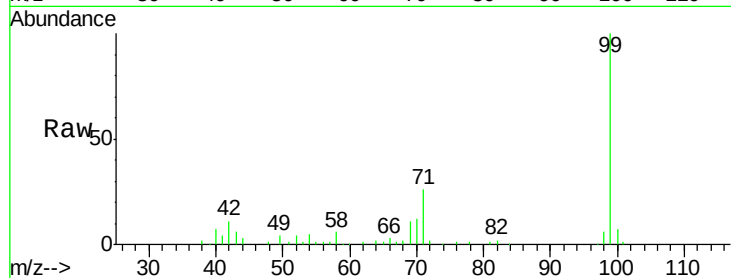
Tgt Ion: 99 Resp: 84068

Ion Ratio Lower Upper

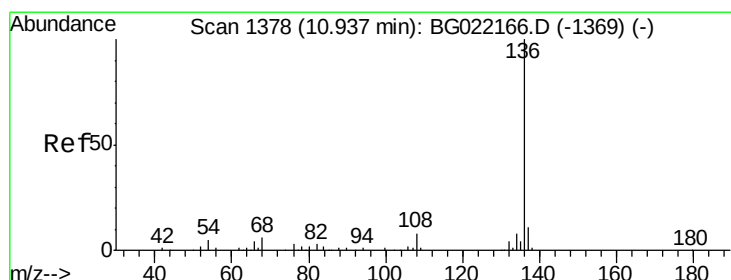
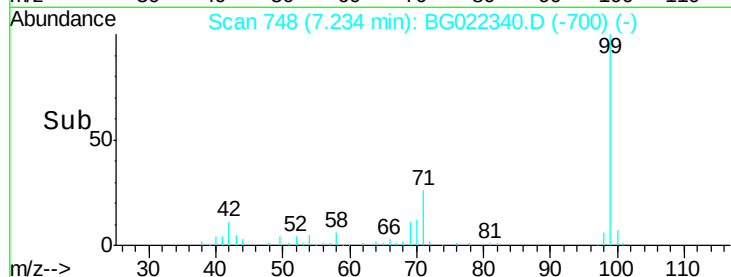
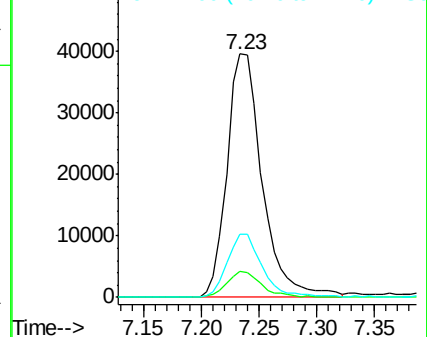
99 100

42 10.6 16.4 24.6#

71 26.1 25.0 37.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.89 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BG022340.D

Acq: 14 Jun 2016 18:25

Tgt Ion: 136 Resp: 112130

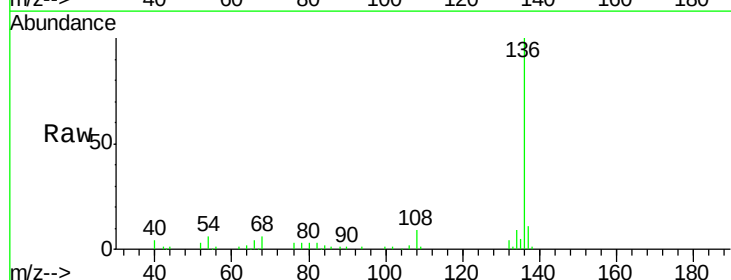
Ion Ratio Lower Upper

136 100

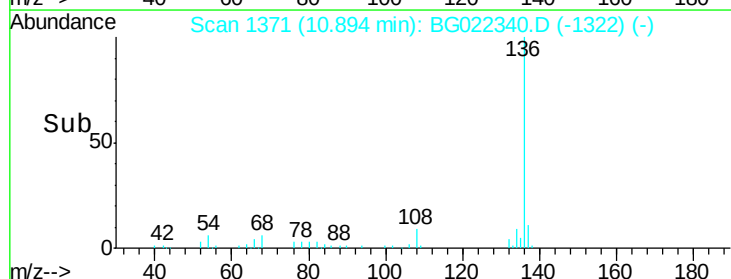
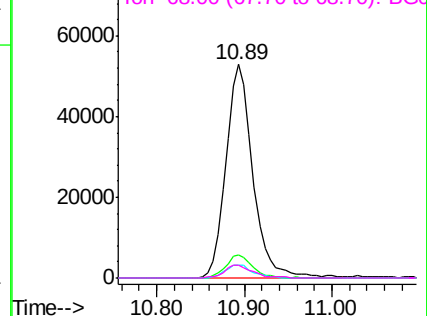
137 10.5 9.0 13.4

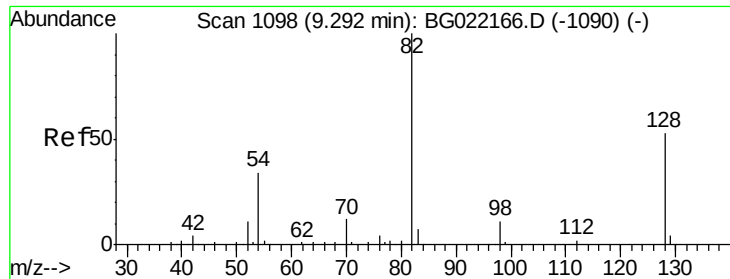
54 6.0 9.6 14.4#

68 5.9 6.4 9.6#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

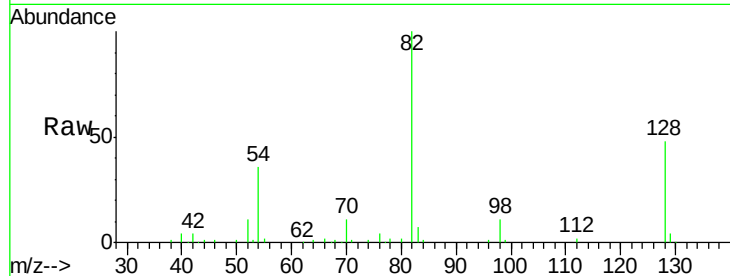




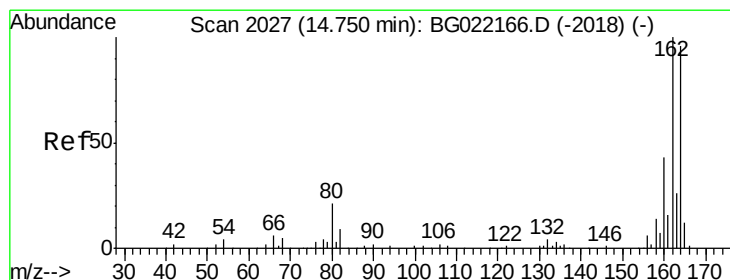
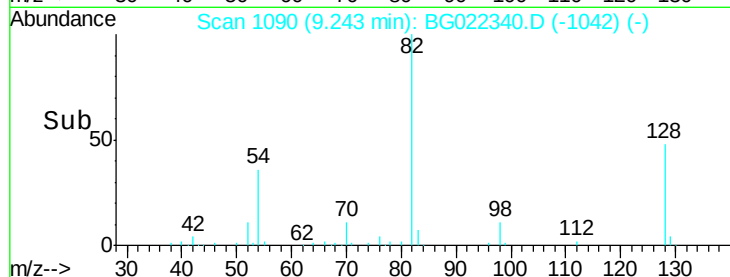
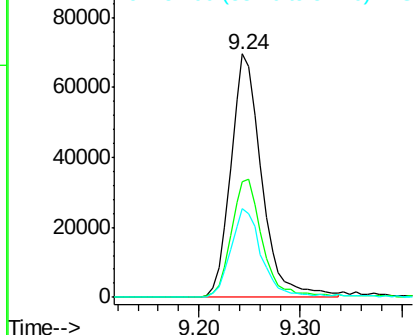
#23
 Nitrobenzene-d5
 Concen: 91.49 ng
 RT: 9.24 min Scan# 1090
 Delta R.T. -0.02 min
 Lab File: BG022340.D
 Acq: 14 Jun 2016 18:25

Instrument :
 BNA_G
 ClientSampleId :
 W-42

Tgt Ion: 82 Resp: 147142
 Ion Ratio Lower Upper
 82 100
 128 47.5 33.4 50.0
 54 36.3 46.1 69.1#

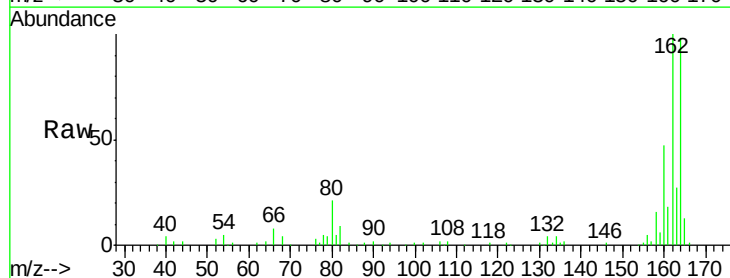


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

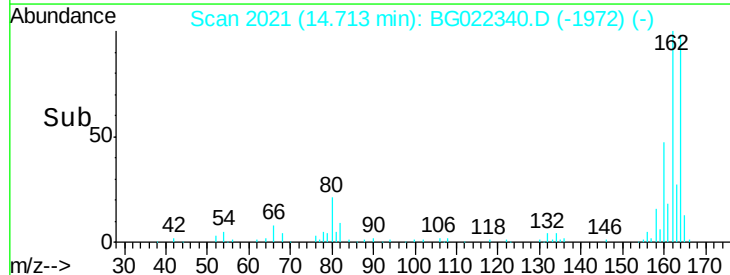
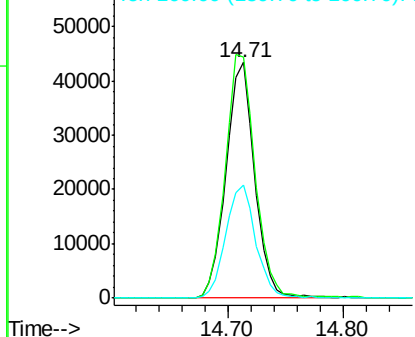


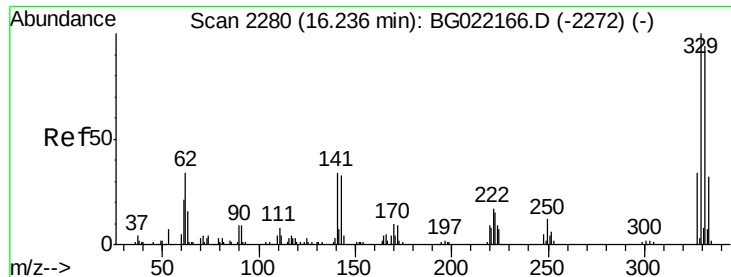
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BG022340.D
 Acq: 14 Jun 2016 18:25

Tgt Ion: 164 Resp: 74434
 Ion Ratio Lower Upper
 164 100
 162 102.3 78.0 117.0
 160 48.0 32.9 49.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

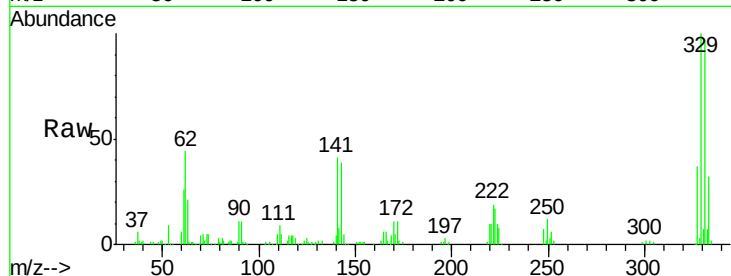




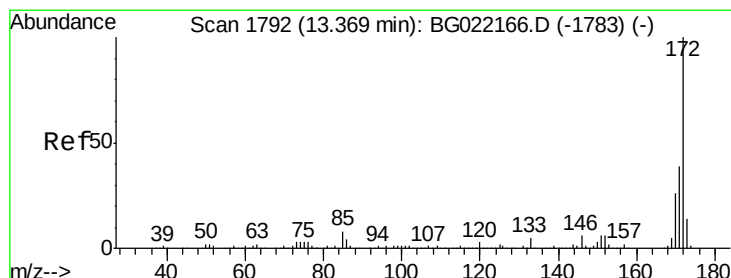
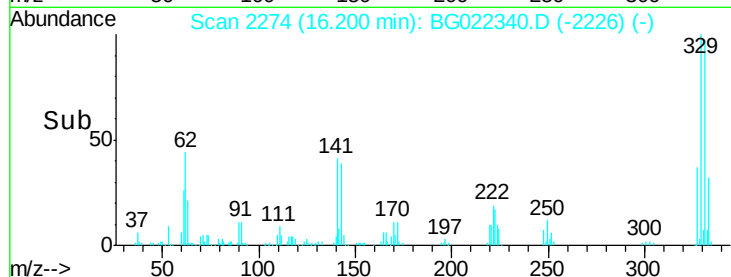
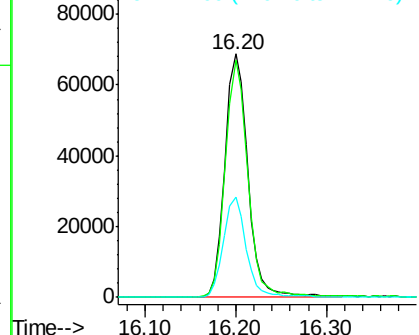
#41
 2,4,6-Tribromophenol
 Concen: 144.75 ng
 RT: 16.20 min Scan# 2274
 Delta R.T. -0.02 min
 Lab File: BG022340.D
 Acq: 14 Jun 2016 18:25

Instrument :
 BNA_G
 ClientSampleId :
 W-42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.0	117.0
141	41.3	33.8	50.8

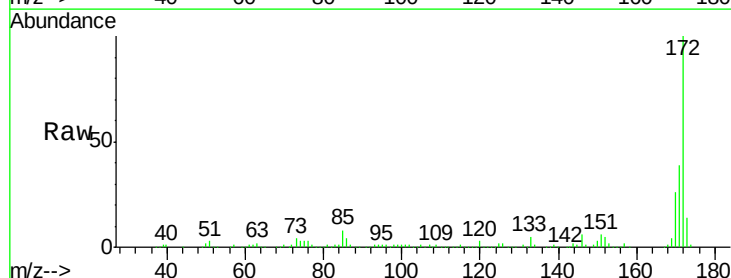


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

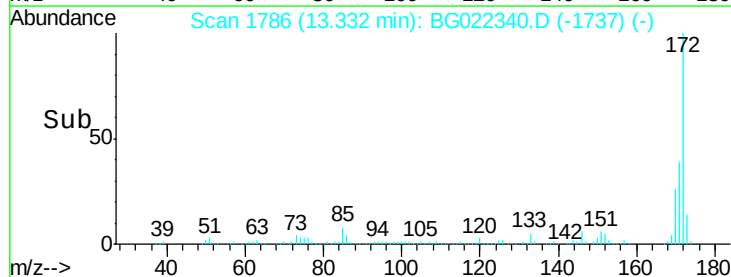
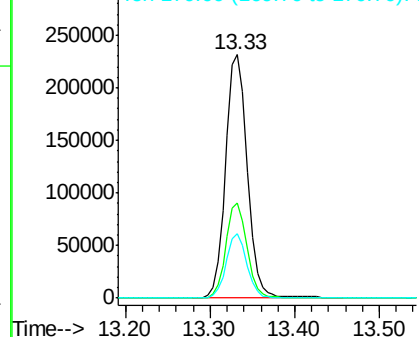


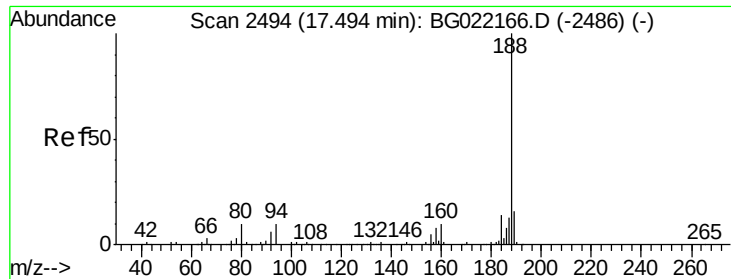
#44
 2-Fluorobiphenyl
 Concen: 84.61 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BG022340.D
 Acq: 14 Jun 2016 18:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	27.8	41.6
170	26.2	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

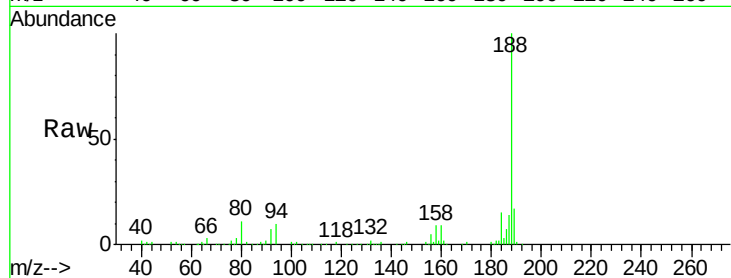




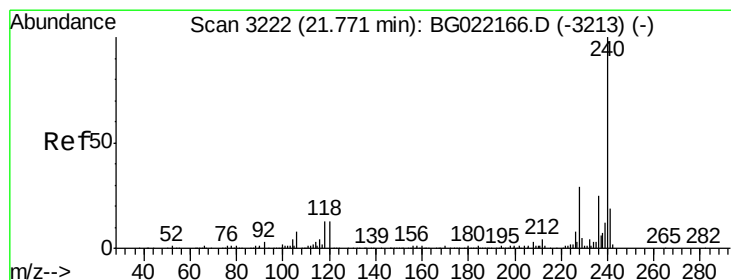
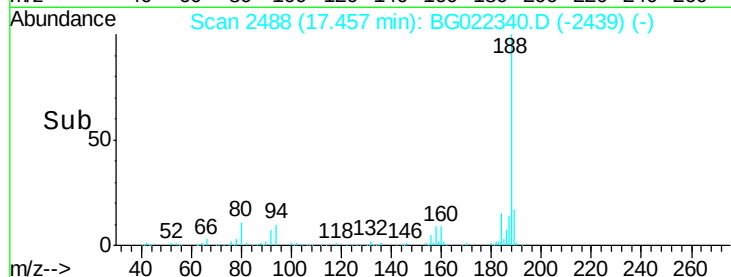
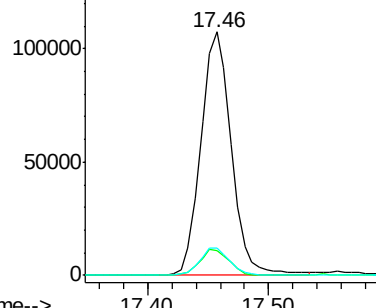
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.46 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BG022340.D
Acq: 14 Jun 2016 18:25

Instrument :
BNA_G
ClientSampleId :
W-42

Tgt Ion:188 Resp: 188757
Ion Ratio Lower Upper
188 100
94 10.2 7.5 11.3
80 11.0 8.6 13.0

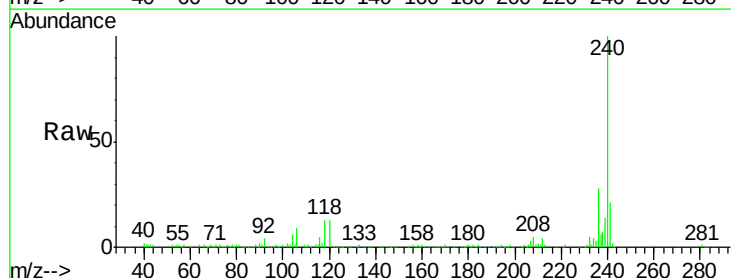


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

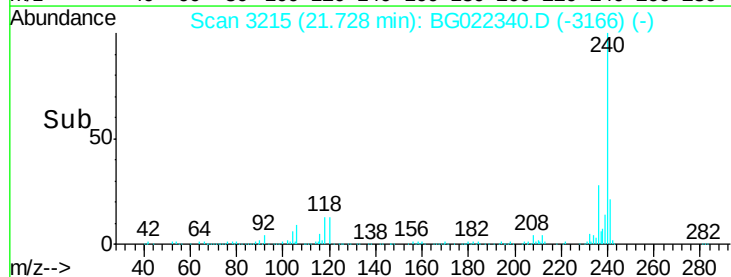
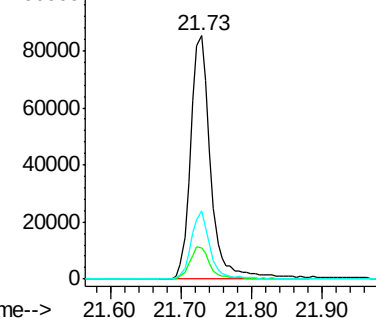


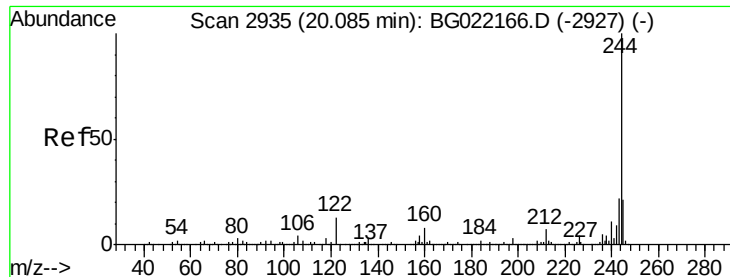
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.73 min Scan# 3215
Delta R.T. -0.01 min
Lab File: BG022340.D
Acq: 14 Jun 2016 18:25

Tgt Ion:240 Resp: 169675
Ion Ratio Lower Upper
240 100
120 12.6 8.4 12.6
236 28.0 19.6 29.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.99 ng

RT: 20.05 min Scan# 2930

Delta R.T. -0.01 min

Lab File: BG022340.D

Acq: 14 Jun 2016 18:25

Instrument :

BNA_G

ClientSampleId :

W-42

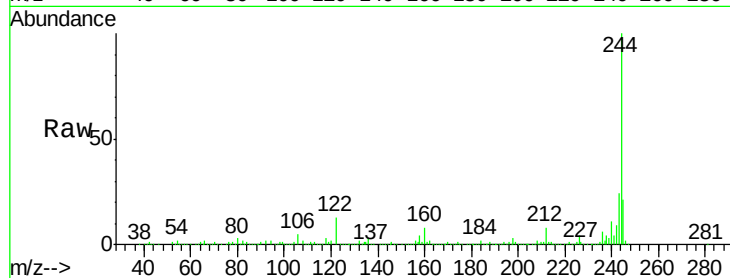
Tgt Ion:244 Resp: 700298

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

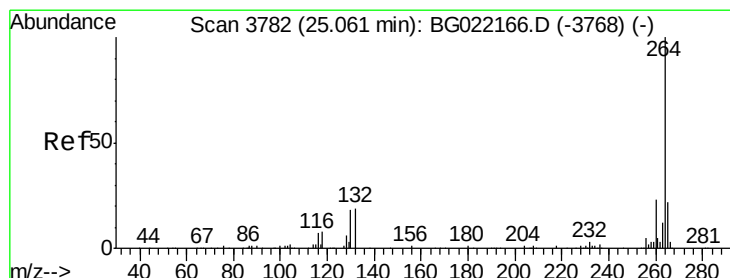
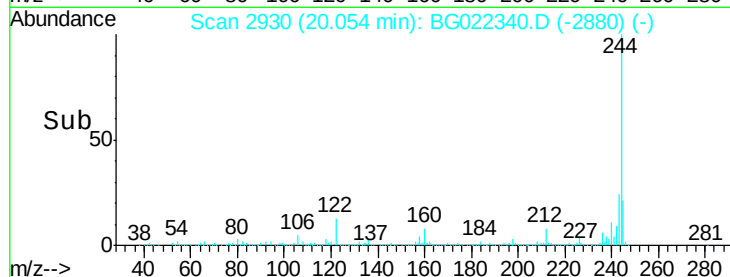
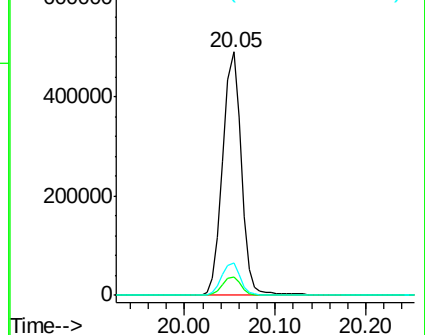
122 13.3 8.6 12.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.00 min Scan# 3771

Delta R.T. -0.02 min

Lab File: BG022340.D

Acq: 14 Jun 2016 18:25

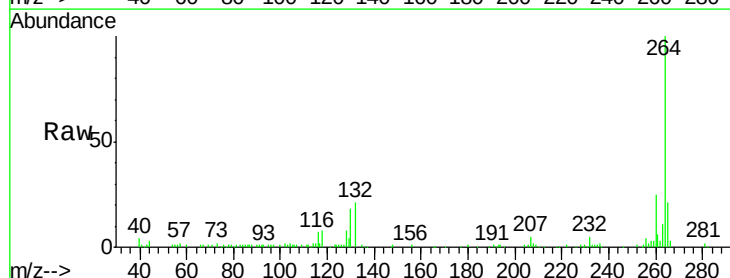
Tgt Ion:264 Resp: 151464

Ion Ratio Lower Upper

264 100

260 24.9 20.2 30.4

265 21.0 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

